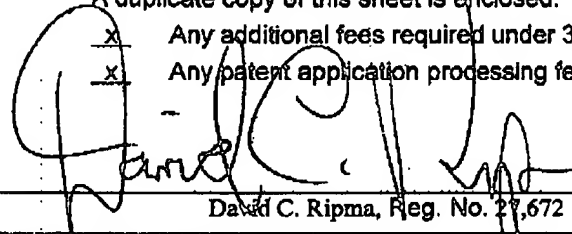
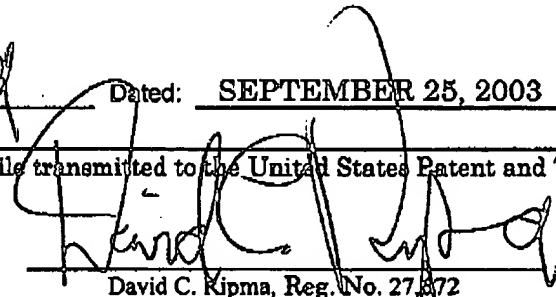


AMENDMENT TRANSMITTAL LETTER (Large Entity) Applicant(s): Wei Pan, J r-shen Maa, David Evans and Sheng Teng Hsu			Docket No. SLA0493		
Serial No 09/820,068	Filing Date March 28, 2001	Examiner Michael K. Luhrs	Group Art Unit 2824		
Invention: Method of Barrier Metal Surface Treatment Prior to Cu Deposition to Improve Adhesion and Trench Filling Characteristics					
TO THE COMMISSIONER FOR PATENTS: Transmitted herewith is an amendment in the above identified application. The fee has been calculated and is transmitted as shown below.					
CLAIMS AS AMENDED					
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER OF EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	13 -	20 =	0	x \$18.00	\$0.00
INDEP. CLAIMS	3 -	3 =	0	x \$84.00	\$0.00
Multiple Dependent Claims (check if applicable) _____					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00
<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. 19-1457 in the amount of \$0.00. <input type="checkbox"/> A duplicate copy of this sheet is enclosed. <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 19-1457. <input type="checkbox"/> A duplicate copy of this sheet is enclosed. <input checked="" type="checkbox"/> Any additional fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 C.F.R. 1.17. </div> <div style="width: 15%; text-align: right;"> SEP 25 2003 SEP 25 2003 </div> </div> <div style="margin-top: 10px;"> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">  David C. Ripma, Reg. No. 27,672 </div> <div style="width: 45%; text-align: right;"> Dated: SEPTEMBER 25, 2003  David C. Ripma, Reg. No. 27,672 </div> </div> </div>					
I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office under 37 C.F.R. §1.8 at Fax No. (703) 802-9318 on September 25, 2003.					
Note: Each paper must have its own certificate or transmission, or this certificate must identify each submitted paper. The papers submitted include:					
<input checked="" type="checkbox"/> This Amendment Transmittal Letter (Duplicate Attached)				2 page(s)	
<input checked="" type="checkbox"/> Responses under 37 CFR § 1.111				14 page(s)	
<input checked="" type="checkbox"/> Attachments				page(s)	
<input checked="" type="checkbox"/> Petition for Extension of Time under 37 C.F.R. § 1.136				2 page	
Total pages, including this Transmittal: 18					

OFFICIAL

 RECEIVED
 CENTRAL FAX CENTER

SEP 26 2003

#1310

109-03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	PATENT APPLICATION
)	
Inventors: Wei Pan,)	September 25, 2003
Jer-shen Maa,)	
David R. Evans,)	
Sheng Teng Hsu)	
)	Attorney Docket No.
Serial No.: 09/820,068)	SLA0493
)	
Filed: March 28, 2001)	Group Art Unit 2824
)	
Title: METHOD OF BARRIER)	Examiner: Luhrs, M.
METAL SURFACE)	
TREATMENT PRIOR)	Customer Number 27518
TO Cu DEPOSITION)	
TO IMPROVE ADHESION)	Confirmation No. 4042
AND TRENCH FILLING)	
CHARACTERISTICS)	

RESPONSE UNDER 37 C.F.R. § 1.111

OFFICIAL

Hon. Commissioner for Patents
Alexandria, VA 22313-1450

RECEIVED
CENTRAL FAX CENTER

SEP 26 2003

Sir:

In response to the Office Action dated June 5, 2003, Applicants submit the following response:

Please amend the application as follows:

In the Claims:

Please amend claims 9 and 22. The amended claims are shown on the following sheets, pursuant to the amendment practice as specified in 37 C.F.R. section 1.121.